

# HSDRRS Contract Listing

U.S. Army Corps of Engineers - New Orleans District

Data as of: 12/19/2014 6:45:24 AM

Contract No	Contract Name	Green=Actual Date		Original Award Amount
		Award Contract Date	Estimated Substantial Complete	

## WBV-West Bank and Vicinity

<b>WBV-01</b>	<b>Contract 1, Sectorgate to Boomtown Floodwall</b>	2/1/2008	5/11/2010	\$132,126,473.40
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### Cajun Constructors

Construct floodwalls to level of protection provided by engineering division. / This contract involves the construction of approximately 7,860 linear feet of pile founded concrete floodwall from the Harvey Sector Gate southward along the east bank of Harvey Canal. The floodwall alignment will generally follow Peter's Road in Jefferson Parish. Industries located on the unprotected side of the floodwall will have access gates installed through the flood protection barrier.

<b>WBV-02a</b>	<b>Contract 2a, Boomtown Floodwalls</b>	7/17/2008	6/17/2010	\$48,454,217.04
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### Cajun Constructors

Construct floodwalls to level of protection provided by engineering division. / This contract involves constructing approximately 4,340 feet of pile founded concrete floodwalls to the authorized level of protection in the vicinity of Boomtown.

<b>WBV-02b</b>	<b>Contract 2b, Boomtown to Hero Pump Station Floodwalls</b>	3/26/2007	8/28/2008	\$56,098,659.41
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### Cajun Constructors

Construct floodwalls to level of protection provided by engineering division. / This contract involves the construction of approximately 7,800 linear feet of pile founded concrete floodwall beginning at the terminus of Contract 1 southward along the east bank of Harvey Canal to the Hero Pumping Station. The floodwall alignment will generally follow the west side of Peter's Road in Jefferson Parish. Industries located on the unprotected side of the floodwall will have access gates installed through the flood protection barrier.

<b>WBV-03a</b>	<b>Contract 3a, Hero PS to Algiers Canal Floodwall</b>	7/11/2008	6/8/2011	\$62,281,391.25
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### Boh Bros.

Construct floodwalls to level of protection provided by engineering division. Includes Hero PS fronting protection, modifications, and floodwall tie-ins. / This contract involves the construction of approximately 2,600 linear feet of pile founded concrete floodwall and 4,100 linear feet of earthen levee from the Hero Pumping Station southward along the east bank of Harvey Canal. The alignment will generally follow a specified setback from the Harvey Canal bank line and will tie-in to the existing Algiers Canal flood protection barrier in Plaquemines Parish. Most of the industries along this alignment will be located on the protected side of the flood barrier. Gates and ramps will be built through and over the flood protection barrier as necessary. Other construction activities include the placement of rip-rap foreshore protection at the pump station and replacement of the Hero Pump Station air suppression system.

<b>WBV-03b</b>	<b>Contract 3b, Hero PS to Algiers Canal Floodwall</b>	12/8/2008	7/15/2010	\$32,010,875.25
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### Shavers-Whittle Construction

Construct floodwalls to level of protection provided by Engineering Division. Includes floodwall and levee. / This contract involves raising the elevation of approximately 2,600 linear feet of floodwall and 4,100 linear feet of earthen levee, constructed during Contract 3a along the east bank of Harvey Canal to the 100-year level of protection. The levee runs from the Hero Pumping Station southward towards the Algiers Canal in Plaquemines Parish.

<b>WBV-04.2</b>	<b>Belle Chasse Hwy to Hero Cutoff-Reach1-Phase 2</b>	9/30/2010	1/12/2012	\$4,208,806.39
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### DQSI

Construct floodgates and tie-ins to the detention-basin elevation to support the enhanced WBV-project. / This contract involves constructing flood control vehicular access gates along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish. The gates provide access at C&C Marine (85-ft roller), Versabar (60-ft roller), and Universal Services 30-ft swing).

<b>WBV-05.2</b>	<b>Belle Chasse Hwy to Hero Cutoff-Reach 2 - Phase 2</b>	9/30/2010	12/9/2011	\$3,937,758.09
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### DQSI

Construct floodgates and tie-ins to the detention-basin elevation to support the enhanced WBV-project. / This contract involves constructing flood control vehicular access gates along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish. The gates provide access at C&C Boat Works (60-ft roller), Point 8 Power (60-ft roller), and C.F. Bean 30-ft swing).

<b>WBV-06.2</b>	<b>Belle Chasse Hwy to Hero Cutoff-Reach 3 &amp; 4-Phase 2</b>	12/14/2010	5/28/2013	\$21,727,500.00
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### Conti Federal Services, Inc.

Construct floodgates, levee, floodwalls, and tie-ins near Belle Chasse Tunnel to the detention-basin elevation to support the enhanced WBV-project. / This contract involves constructing flood control vehicular access gates in the 100-Year levee alignment along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish. The 4.7 miles will be divided into 3 parts for 3 contract awards. (04.2 Reach 1, 05.2 Reach 2, and 06.2 Reaches 3&4).

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## WBV-West Bank and Vicinity

<b>WBV-06a.1</b>	<b>Belle Chasse Hwy to Hero Cutoff (West)</b>	1/4/2008	1/26/2010	\$9,617,875.00
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**Merrick Construction Co.**

Raise levees to authorized level of protection. / This contract involves the construction of approximately 4.7 miles of earthen levee to the authorized grade. The levee will be constructed with access ramps along the west bank of Algiers Canal running southward from Highway 23 towards the Hero Canal Cutoff, in Plaquemines Parish.

<b>WBV-06a.2</b>	<b>Belle Chasse Hwy to Hero Cutoff (West) - Phase 2</b>	9/30/2010	6/17/2011	\$2,905,845.34
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**DQSI**

Raise levees to detention basin elevation to support the enhanced WBV-project. / This contract involves raising the elevation of approximately 4.7 miles of earthen levee. The levee would be constructed around the tunnel along with vehivular gates, railroad gates and a vehicle gate along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish.

<b>WBV-06a.3</b>	<b>West Algiers Canal Ramp Height Restoration Project (Hired Labor)</b>	5/1/2015	10/28/2015	
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Raise Four set-back ramps to elevation design height at WBV-06a.2 along the eastern side of the Algiers canal / Raise ramps and levee areas on the western portion of the Algiers Canal in the area known as the industrial reach or WBV-6a.2 to address the elevation deficiency due to settlement. Crown elevations that are expected to be below the design EL +8.5 ft. by Oct 2016 will be restored to EL +10.0 ft. This action will ensure all crown elevations are above the design EL +8.5 ft at Notice of Construction Complete in mid 2016.

Levee feet impacted 5,350 ft  
Estimated embankment volume 9,000 CY's

<b>WBV-07</b>	<b>Planters Pump Station Fronting Protection and Modifications</b>	9/28/2009	12/21/2011	\$33,071,191.00
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**Kiewit Louisiana Company**

PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.

<b>WBV-08</b>	<b>Sewerage &amp; Water Board Pump Station #13 Fronting Protection and Modifications</b>	9/24/2009	11/13/2012	\$29,984,860.50
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**Boh Bros.**

PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Sluice gates and butterfly valves will prevent backflow.

<b>WBV-09a</b>	<b>Hero Canal to Oakville - Levees</b>	6/21/2010	11/1/2011	\$33,412,601.80
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**Kiewit Louisiana Company**

Raise and construct levee and a small pump station to 100-Year level of risk reduction. / This contract involves construction of 5500 feet of earthen levee to the 100-year level of risk reduction and construction of a 300 cfs pump station. The construction will occur from the south side of Hero Canal in Plaquemines Parish and extend to the end of the old FEMA trailer park near Belle Chasse Highway. The levee will then begin again on the east side of Belle Chasse Hwy and tie into the Mississippi River Levee.

<b>WBV-09a.1</b>	<b>Hero Canal to Oakville - Emergency Shelter</b>	7/24/2013	2/14/2014	\$775,568.00
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**Bucktown Contractors and Company**

Emergency shelter along Oakville Levee Pump Station (Hired Labor) / Emergency shelter for operation of the pump station and sluice-gate drainage structure along the Hero-to-Oakville Levee in Oakville.

<b>WBV-09b</b>	<b>Hero Canal to Oakville - Structures</b>	5/14/2010	10/24/2012	\$26,467,572.00
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**Conti Federal Services, Inc.**

Raise and construct stop-log closure, pump station, and tie-ins on Hero Canal to 100 Year level of risk reduction. / This contract involves construction of a navigation stop-log closure on Hero Canal to the 100-year level of risk reduction and a 70 cfs pumping station. A hydraulic crane will also need to be installed for emplacing the stop-logs during times of closure.

<b>WBV-09c</b>	<b>Hero Canal to Oakville - Highway Structures</b>	7/9/2010	7/16/2013	\$7,027,043.00
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**Conti Federal Services, Inc.**

Raise and construct vehicle and RR floodgates on Belle Chasse Hwy to 100-Year level of risk reduction. / This contract involves construction of a floodwall tie-in to levees and swing gates across Hwy 23 (Belle Chasse Highway) and a railroad swing gate. The contract will also involve constructing of an improved road that will serve an an emergency bypass that re-routes emergency vehicles from Hwy 23 up and over the Mississippi River Levee.

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## WBV-West Bank and Vicinity

<b>WBV-10</b>	<b>Belle Chasse Pump Station #1 (Plaquemines Pump Station) Fronting Protection and Modifications-Phase 1</b>	9/24/2009	10/23/2013	\$31,713,678.00
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**Boh Bros.**

*PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.*

<b>WBV-11</b>	<b>Belle Chasse Pump Station #2 Fronting Protection and Modifications</b>	11/5/2010	11/9/2012	\$11,389,058.00
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**F. Miller Construction, LLC,**

*PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.*

<b>WBV-12</b>	<b>Hero Canal Reach 1, 2nd Enlgt</b>	4/29/2010	12/7/2012	\$0.00
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**Gulf Intracoastal Constructors**

*Improve approx 2.2 miles of levee to the 100-year level of risk reduction. This is a modification to WBV-90 (\$11,749,560.25). / This contract involves improving approx 2.2 miles of earthen levee to the 100-year level of risk reduction. The construction will take place in Plaquemines Parish and tie into the Hero Canal stop-log closure on the north side of Hero Canal and tie into the GIWW levee near the confluence of the Hero Canal and the GIWW.*

<b>WBV-13</b>	<b>S&amp;WB PS #11 Fronting Protection and Modifications</b>	9/25/2009	6/26/2012	\$21,399,478.50
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**Boh Bros.**

*PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.*

<b>WBV-14a.1</b>	<b>Harvey Canal West Bank Levees - 2nd Enlgt Phase 1</b>	4/15/2008	11/3/2008	\$1,772,610.00
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**Reeves Electrical Service (RES)**

*Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a second enlargement or lift to approximately 3 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation from south of the Lapalco Overpass southward to the Old Estelle Pumping Station in Jefferson Parish.*

<b>WBV-14a.2</b>	<b>Harvey Canal West Bank Levees - Phase 2 - Estelle PS to Vicinity of Lapalco Ave</b>	11/12/2010	5/24/2012	\$13,064,983.50
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**Purnell Construction Co., Inc.**

*Earthen Levee Enlargement and Floodwall behind GIWW-WCC. / This contract involves raising the elevation of approximately 3 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +12 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. Construction will also include the installation of T-walls. These levee improvements will occur southward from the Lapalco Overpass to the Old Estelle Pumping Station in Jefferson Parish.*

<b>WBV-14b.1</b>	<b>Orleans Village to Hwy 45, Levee - Phase 1</b>	8/28/2007	5/21/2008	\$2,998,616.00
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**Cycle Construction Co., LLC**

*Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a second enlargement or lift on approximately 3 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation in the vicinity of the Ames and Mt. Kennedy Pumping Stations in Jefferson Parish. A geotechnical evaluation of the sections where settlement occurred will be done to determine the need to install sheet pile rather than construct an earthen levee.*

<b>WBV-14b.2</b>	<b>Orleans Village to Hwy 45 Levee - Phase 2</b>	9/25/2009	2/16/2011	\$11,058,474.00
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**Creek Services, LLC**

*Build to 100 year level. / This contract involves raising the elevation of approximately 3 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. Construction will also include the installation of sheet pile along some segments. These levee improvements will occur in the vicinity of the Ames and Mt. Kennedy Pumping Stations in Jefferson Parish.*

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## WBV-West Bank and Vicinity

<b>WBV-14c.1</b>	<b>New Westwego Pump Station to Orleans Village - 3rd Enlgt - Phase 1</b>	3/14/2008	9/3/2009	\$8,978,105.00
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### Clark Construction Enterprises, LLC

Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a third enlargement or lift on approximately 3.5 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation east of the New Westwego Pumping Station to a point on the levee approximately 1 mile east of the Westminster Pumping Station in Jefferson Parish. A geotechnical evaluation of the sections where settlement occurred will be done to determine the need to install sheet pile rather than construct an earthen levee.

<b>WBV-14c.2</b>	<b>New Westwego Pump Station to Orleans Village - Phase 2</b>	6/14/2010	12/9/2011	\$26,541,332.60
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### Phylway Construction

Build to 100 yr level of protection. / This contract involves raising the elevation of approximately 3.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +13.5 to +14 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. At present the crown of this levee reach is approximately 4 feet below design grade on average. Construction will also include the installation of new floodwalls tying into the Westminster Pumping Station. These levee improvements will occur east of the New Westwego Pump Station to a point on the levee approximately 1 mile east of the Westminster Pump Station in Jefferson Parish.

<b>WBV-14c.2a</b>	<b>New Westwego Pump Station to Orleans Village - Corrective Measures Phase 2.1 (Hired Labor)</b>	2/15/2013	11/1/2013	
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### Hired Labor

<b>WBV-14c.2b</b>	<b>New Westwego Pump Station to Orleans Village - Phase 2.2</b>	11/9/2013	7/1/2014	
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### Keiland Construction, LLC

<b>WBV-14c.2c</b>	<b>Westwego Pump Station to Orleans Village - Phase 2.3</b>	3/13/2014		
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<b>WBV-14c.2d</b>	<b>New Westwego Pump Station to Orleans Village - Phase 2.4'</b>	4/18/2014		\$483,441.00
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<b>WBV-14c.2e</b>	<b>New Westwego Pump Station to Orleans Village - Phase 2.5</b>	7/31/2014	9/18/2014	
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<b>WBV-14d</b>	<b>V-line Floodwall</b>	7/2/2009	3/1/2011	\$17,147,671.00
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### Shavers-Whittle Construction

<b>WBV-14e.1</b>	<b>V-line Levee, East of Vertex - Phase 1</b>	6/6/2008	5/22/2009	\$8,013,621.00
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### Bucktown Contractors and Company

Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a third enlargement or lift to approximately 2 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation south from the Old Estelle Pumping Station to the intersection of the levee and Highway 45 in Jefferson Parish. A geotechnical evaluation of the sections where settlement occurred will be done to determine the need to install sheet pile rather than construct an earthen levee.

<b>WBV-14e.2</b>	<b>V-line levee, East of Vertex - Phase 2</b>	3/26/2010	10/4/2010	\$1,958,358.00
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### Purnell Construction Co., Inc.

Build to 100 yr level of protection. / This contract involves raising the elevation of approximately 3.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +13.0 to +14 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. Construction will also include the installation of sheet pile along some segments. This section of levee runs alongside the Bayou Aux Carpes 404c Wetland Area. These levee improvements will occur south from the Old Estelle Pumping Station to the intersection of the levee and Highway 45 in Jefferson Parish.

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## WBV-West Bank and Vicinity

<b>WBV-14e.2a</b>	<b>V-line levee, East of Vertex - Phase 2</b>	1/21/2011	10/20/2011	\$13,852,340.00
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### Phylway Construction

Build to 100 yr level of protection. / This contract involves raising the elevation of approximately 3.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +13.0 to +14 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. Construction will also include the installation of sheet pile along some segments. This section of levee runs alongside the Bayou Aux Carpes 404c Wetland Area.

These levee improvements will occur south from the Old Estelle Pumping Station to the intersection of the levee and Highway 45 in Jefferson Parish.

<b>WBV-14f.2</b>	<b>Hwy 45 levee - Phase 2</b>	9/17/2009	10/22/2010	\$4,938,789.00
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### Clark Construction Enterprises, LLC

Build to 100 year levels. / This contract involves raising the elevation of approximately 2.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. Construction will also include the installation of sheet pile along some segments. These levee improvements will occur where the levee parallels the west side of Highway 45 in Jefferson Parish.

<b>WBV-14f.2a</b>	<b>WBV Armoring Pilot Program</b>	4/12/2013	5/30/2014	\$1,564,499.00
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### Bucktown Contractors and Company

<b>WBV-14g.1</b>	<b>Old Estelle to New Estelle</b>	9/13/2007	6/19/2008	\$2,500,395.00
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### Shavers-Whittle Construction

Raise and construct floodwall to authorized level of protection. / The project will involve the installation of approximately 4,200 linear feet of sheet pile I-wall, placement of earthen stability berm, and grouted riprap scour pads for the entire length of the job. The alignment will be generally north of and parallel to the Old Estelle Pump Station outfall canal, starting at the existing Old Estelle Pump Station floodwall and terminating just beyond the existing I-wall at the Bridgeline pipeline crossing on the Harvey Canal.

<b>WBV-14g.2</b>	<b>Estelle Pump Station Vicinity Floodwalls</b>	8/21/2009	5/14/2011	\$20,574,776.03
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### Creek Services, LLC

Construct Floodwalls between New Estelle PS to Old Estelle PS to authorized level of protection. / Floodwall between New Estelle PS and Old Estelle PS; west of deflection point is 100 year; north of deflection point is behind GIWW West Closure Complex.

<b>WBV-14i</b>	<b>V-Line Levee, LA 3134 Highway Crossing</b>	3/24/2010	3/31/2012	\$13,069,495.10
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### Shavers-Whittle Construction

Raising of Highway 3134 above the floodwall and Levee. / The work consists of furnishing all plant, labor, materials and equipment, necessary for the raising of Highway 3134 above the Floodwall and Levee, Westbank and Vicinity, New Orleans, LA Hurricane Protection Project, located in Jefferson Parish, Louisiana. The project consists of relocating a drainage canal, backfilling the existing canal and plugging, filling, and abandoning existing culverts, construction of floodwalls and levees to tie into adjacent protection, and construction of an earthen ramp over an "embedded" levee section.

<b>WBV-14j</b>	<b>Westwego to Harvey Utility Crossings and Miscellaneous Sector Gate Retrofits</b>	12/13/2010	12/2/2011	\$8,397,971.30
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### Aquaterra-CAYO

Sleeve through Floodwalls on WBV-14b.2, 14c.2, and 14f.2 and Harvey Sector Gate Retro Fit. / The work consists of new floodwall at four utility crossings, installation of dolphins across from the outfall canal for Cousins Pump Station, and installation of Levee/T-wall transitions at all four floodwall locations for the Westwego to Harvey Utility Crossings and Misc. Harvey Sector Gate Retrofits, Westbank and Vicinity, New Orleans, LA Hurricane Protection Project, located in Jefferson Parish, Louisiana.

<b>WBV-15a.1</b>	<b>Lake Cataouatche Pump Station to Segnette State Park - Phase 1</b>	7/27/2007	7/9/2009	\$44,715,574.00
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### Odebrecht Construction

Raise and construct levees to authorized level of protection / This contract involves constructing new and raising existing levee elevations to authorized levels on approximately four miles of levee from the Lake Cataouatche Pumping Station to Bayou Segnette State Park in Jefferson Parish. This contract also includes the relocation of a drainage canal and the placement of rip-rap foreshore protection.



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## WBV-West Bank and Vicinity

<b>WBV-15a.2</b>	<b>Lake Cataouatche Pump Station to Segnette State Park - Phase 2</b>	2/4/2010	11/22/2011	\$41,308,168.40
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### Phylway Construction

Raise and construct levees to 100 year level / Contract WBV15a.2 is phase two construction of an earthen levee reach located within the Lake Cataouatche Reach of the West Bank and Vicinity portion of the Greater New Orleans Hurricane and Storm Damage and Risk Reduction System (HSDRRS) in Jefferson Parish, Louisiana. The contract limits extend from Lake Cataouatche Pump Station (approx. Sta: 316+00) to Segnette State Park (approx. Station 514+20) resulting in approximately 3.75 lineal miles of contract length. The contract generally runs from west to east and is bound by Lake Cataouatche Outer Canal immediately to the south and Cataouatche Inner Canal immediately to the north. The right-of-way is 950' in width for the majority of the contract and narrows through two jogs to 550' at the easterly end. The westerly start of the project will tie into WBV15b.2 Lake Cataouatche Pump Station fronting protection. The easterly end of the project will tie into WBV24 Segnette State Park floodwall. The majority of the reach centerline is being shifted 14' to the protected side to minimize in water work. The previous lift, Phase 1 authorization, constructed the levee crown to elevation 12.0'. WBV15a.2 will lift the levee crown to elevation 13.5'. The 2011 1% hydraulic design elevation is 11.5'. The 2057 1% hydraulic design elevation is 15.5'. Due to soil consolidation, and the 2057 1% hydraulic design elevation, it is anticipated that several lifts will be required to ensure the actual elevation continually exceeds the 1% hydraulic design elevation. Local drainage will remain unchanged from phase 1. There is an existing 24" gas pipeline near the crossing levee right-of-way near east end of the contract. An existing power line follows the contract along the south side of Lake Cataouatche Outer Canal then crosses the canal and levee right-of-way near the east end of the contract where the ROW is narrower. The power line towers are outside the ROW. The borrow pit is combined government furnished offsite at Churchill Farms Phase 1 and contractor furnished. Access to the site is via Nicole Boulevard along a gravel road entering the levee contract at the easterly end.

<b>WBV-15a.2a</b>	<b>Lake Cataouatche Pump Station to Segnette State Park at Chevron Pipeline</b>	1/24/2012	10/17/2012	\$2,609,737.50
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### Conquistador Dorado JV

Lake Cataouatche Pump Station to Segnette State Park at Chevron Pipeline / Build a levee where the Chevron pipeline exists. This work was left over from WBV-15a.2. It was a option area that was never exercised since the WBV-15a.2 contract was completed before the Chevron Pipeline was relocated. The other work associated with this contract is putting erosion protection on the floodside toe of the levee.

<b>WBV-15b.1</b>	<b>Lake Cataouatche Pump Station Fronting Protection, Modifications</b>	8/31/2007	5/28/2008	\$4,864,420.00
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### Cycle Construction Co., LLC

PS fronting protection, modifications, floodwall tie-ins to the authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the authorized level of protection. The fronting protection will involve the construction of sluice gates and modifications will include the construction of higher floodwalls at the discharge point.

<b>WBV-15b.2</b>	<b>Lake Cataouatche Pump Station Fronting Protection, Modifications</b>	4/10/2009	7/17/2013	\$23,742,210.00
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### Merrick Construction Co.

PS fronting protection, modifications, floodwall tie-ins to the 100 year / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the construction of sluice gates and modifications will include the construction of higher floodwalls at the discharge point.

<b>WBV-15b.2a</b>	<b>Lake Cataouatche Pump Station Fronting Protection, Modifications</b>	9/12/2011	8/22/2012	\$1,371,654.00
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### Healtheon

<b>WBV-16.1</b>	<b>Segnette PS to New Westwego Pump Station Floodwall - Phase 1</b>	5/23/2007	1/10/2008	\$14,747,703.00
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### Cajun Constructors

<b>WBV-16.1a</b>	<b>Company Canal Barge Gate Modifications &amp; Channel Dredging</b>	6/4/2009	12/18/2009	\$1,516,900.00
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### Creek Services, LLC

Barge Modifications and Channel Siltation Dredging / Barge Modifications and Channel Siltation Dredging

# HSDRRS Contract Listing

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## WBV-West Bank and Vicinity

**WBV-16.2**      **Bayou Segnette Complex**      2/10/2010      5/22/2013      \$42,805,800.00

### Cajun Constructors

Sector gate, pump station, navigation channel re-alignment and levee section across Bayou Segnette. / The project consists of constructing levees, T-Walls, a 400 cfs drainage pumping station, and a 56' wide sector gate to provide protection against the 1% storm surge. Beginning at the tie-in to the new fronting protection in front of the Bayou Segnette Pump Station, a new T-wall is proposed proceeding north on the west side of Bayou Segnette on similar alignment as the existing levee and interim sheet pile floodwall. Approximately 150 feet north of this point, the T-wall will turn easterly and will run parallel to the pump station access road and then cross Bayou Segnette on a new alignment. The Bayou Segnette closure will include a hybrid T-wall tying into a 400 cfs pump station separated from a 56-foot wide sector gate by a T-wall. A 60-foot wide navigation channel is proposed upstream and downstream of the sector gate. The closure section in Bayou Segnette will be built last to maintain navigation during concurrent construction of the pump station and the sector gate. A T-wall will extend from the sector gate and transition into an earthen levee. The earthen levee will extend southeasterly to the newly construction flood wall north of Lapalco Boulevard.

**WBV-16b**      **Segnette Pump Station Fronting Protection & Modifications.**      1/25/2010      7/31/2012      \$19,565,240.00

### M.R. Pittman Group, LLC.

PS fronting protection and modifications for Bayou Segnette Pump Stations No. 1 & 2 to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.

**WBV-17b.1**      **Station 160+00 to Hwy 90 - Phase 1**      3/19/2008      8/16/2010      \$14,622,356.54

### Vistas Construction of Illinois, Inc.

Raise and construct levees to authorized level of protection. / This contract involves the construction of approximately 1 mile of earthen levee paralleling a landfill that lies south of Highway 90 as part of the Lake Cataouatche system in Jefferson Parish. It also includes the construction of levee structures to the authorized elevation and the relocation of a drainage canal.

**WBV-17b.2**      **Hwy 90 to Lake Cataouatche Pumping Station Levee, Station 125 to 160 - Phase 2**      11/2/2010      11/16/2011      \$5,302,089.54

### Healtheon

Build to 100 year level. / This contract involves raising the elevations of approximately 1 mile of earthen levee that was constructed during Phase 1 to the 100 year level of protection. This contract will involve the levee that parallels a landfill that lies south of Highway 90 as part of the Lake Cataouatche system in Jefferson Parish.

**WBV-17b.2a**      **Hwy 90 to Lake Cataouatche Pumping Station Second Levee Lift - Phase 2**      5/23/2014      10/17/2014      \$594,790.00

### RDC Circle, LLC

Second levee lift to bring levee to design elevation. / Work consist of clearing the existing levee, placement of compacted fill, fertilizing, seeding and mulching all disturbed areas and limits of the new earthen compacted fill, maintenance of access roads and other incidental work. West Bank and Vicinity, New Orleans, LA, Hurricane Protection Project, WBV-17b.2a, Louisiana Highway 90 to Lake Cataouatche Pumping Station, B/L Sta. 106+36 to B/L Sta. 11+50, Phase II, Second Lift, Levee Enlargement, Jefferson Parish, Louisiana (ED 14-021).

**WBV-18.1**      **Hwy 90 to Lake Cataouatche Pump Station - Phase 1**      10/24/2006      12/23/2008      \$16,854,750.00

### Manson Gulf

Raise levees to authorized level of protection / This contract involves improving approximately 2.8 miles of existing earthen levee from the southernmost limits of a landfill south of Highway 90 at approximate station 160+00 southward towards the Lake Cataouatche Pump Station in Jefferson Parish. The existing levee is deficient in both elevation and stability. This contract involves constructing the levee to the authorized elevation, providing 1 vertical to 4 horizontal side slopes for stability, stability berms and also includes the relocation of an adjacent drainage canal for stability reasons.

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## WBV-West Bank and Vicinity

<b>WBV-18.2</b>	<b>Hwy 90 to Lake Cataouatche Pump Station - Phase 2</b>	8/21/2009	10/10/2011	\$12,309,991.00
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### Circle Inc.

Raise levees to 100 year flood level / Contract WBV18.2 is phase two enlargement construction of an earthen levee reach located within the Lake Cataouatche Reach of the West Bank and Vicinity portion of the Greater New Orleans Hurricane and Storm Damage and Risk Reduction System (HSDRRS) in Jefferson Parish, Louisiana. For authorization see Project Description Document #11 (Lake Cataouatche), October 2008. The contract limits extend from approximately one mile south of Highway US-90 (approx. Station 160+00) to Lake Cataouatche Pump Station (approx. Station 300+00) resulting in approximately 2.65 lineal miles of contract length. The contract generally runs from northwest to southeast and is bound by Lake Cataouatche Outer Canal immediately to the south and Cataouatche Inner Canal immediately to the north. The right-of-way is 950' and 1,300' in width at the northwest end and southeast end respectively transitioned by a right angle jog near the center of the reach. The northwesterly start of the project will tie into WBV17b.2 Lake Cataouatche Levee Enlargement. The Southeasterly end of the project will tie into WBV15b.2 Lake Cataouatche Pump Station Fronting Protection. The majority of the reach centerline is being shifted 14.5' to the protected side to minimize in water work. The previous lift, Phase 1 authorization, constructed the levee crown to elevation 11.0'. WBV18.2 will lift the levee crown to elevation 14.5'. The 2011 1% hydraulic design elevation is 11.5'. The 2057 1% hydraulic design elevation is 15.5'. Due to soil consolidation, and the 2057 1% hydraulic design elevation, it is anticipated that several lifts will be required to ensure the actual elevation continually exceeds the 1% hydraulic design elevation. Local drainage will be moved and replaced in like kind. The borrow pit is adjacent government furnished on the protected side along the Southeast portion of the contract where the right-of-way is wider. Access to the site is directly off Avondale Garden Road entering the levee contract at the Southeasterly end.

<b>WBV-20</b>	<b>New Westwego Pump Station Fronting Protection and Modifications</b>	10/2/2009	9/1/2011	\$14,677,988.60
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### Shavers-Whittle Construction

PS fronting protection and modifications for New Westwego Pump Station to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.

<b>WBV-21</b>	<b>Old Westwego Pump Station Fronting Protection &amp; Modifications</b>	4/15/2010	8/10/2011	\$3,561,576.20
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### Reeves Electrical Service (RES)

Fronting protection & mods for Old Westwego PS to authorized LOP. Located behind the Bayou Segnette Complex so no longer a 100-year perimeter project. / This contract involves the installation of fronting protection for the pumping station and modifications to the existing facilities. The fronting protection will involve the extension of discharge pipes, backflow prevention system, and modifications which will include the construction of higher floodwalls at the discharge point; the walls will accommodate future discharge pipes that will be installed by the NFS. These modifications to the existing pump station facility are located behind the Bayou Segnette Complex so this is no longer a 100-year perimeter project.

<b>WBV-22</b>	<b>Westwego Floodwall</b>	10/22/2009	12/16/2010	\$7,486,808.75
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### W, G, Yates & Sons Construction Company

100-Year level of protection for floodwall between the Bayou Segnette Complex (WBV-16.2) and the New Westwego Pump Station (WBV-20). / The project involves the construction of new T-walls, removal of existing I-wall section, installation of new inspection road on the floodside of the T-walls and concrete scour protection behind the T-walls, and related work. The excavated material produced due to degrading existing levees, foundation excavation for T-walls and spoil material from removal of the existing I-wall will be disposed of off-site.

<b>WBV-23</b>	<b>New Estelle Pump Station Fronting Protection &amp; Modifications</b>	4/19/2010	9/21/2011	\$7,995,645.00
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### Reeves Electrical Service (RES)

Fronting protection & mods for New Estelle PS to authorized LOP. Located behind West Closure Complex. / This contract involves the installation of fronting protection for the pumping station and modifications to the existing facilities. The fronting protection will involve the extension of discharge pipes, backflow prevention system, and modifications which will include the construction of higher floodwalls at the discharge point. The modification of existing pump station facilities are located behind the GIWW - West Closure Complex so this is no longer a 100-year perimeter project.

<b>WBV-24</b>	<b>Segnette State Park Floodwall</b>	12/23/2009	11/5/2012	\$20,869,748.00
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### David Boland, Inc.

Already built to authorized level of protection. This contract will establish 100 year level of protection between Lake Cat. levee and Segnette Pump Stations. / Construction activities include removal of existing I-walls and gate monoliths, removal of existing sheet piles, construction of new floodwall and gate monoliths, construction of a temporary access road and new road, relocation of utilities, construction of new berms.



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## WBV-West Bank and Vicinity

<b>WBV-30</b>	<b>Westminster Pump Station Fronting Protection and Modifications</b>	9/18/2009	8/25/2011	\$13,694,430.20
<b>Bucktown Contractors and Company</b>				
<i>Pump station fronting protection and modifications for Westminster Pump Station to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.</i>				
<b>WBV-33</b>	<b>Old Estelle Pump Station Fronting Protection and Modifications</b>	9/16/2009	8/16/2011	\$22,574,738.60
<b>Purnell Construction Co., Inc.</b>				
<i>Pump station fronting protection and modifications for Old Estelle Pump Station to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.</i>				
<b>WBV-37</b>	<b>Ames/Mt. Kennedy P.S. Fronting Protection &amp; Modifications.</b>	6/23/2010	9/15/2012	\$22,500,003.50
<b>Merrick Construction Co.</b>				
<i>Fronting protection &amp; mods for Ames / Mt. Kennedy PS to authorized LOP. Existing walls met 100-year el. but did not meet stability criteria. / The works consists of the construction of reinforced concrete floodwalls; concrete sluice gate; levee construction; clearing and grubbing; painting, establishment of turf; placing rip-rap; bedding; driving steel sheet piling, steel h-piles; structural excavation and backfill; drainage systems; electrical systems, dewatering systems; installing swing gate, and sluice gates; demolition; temporary retaining structures; temporary flood protection and other incidental work.</i>				
<b>WBV-38.1</b>	<b>Cousins Pump Station - Phase 1</b>	9/16/2006	3/1/2008	\$18,781,000.00
<b>C.R. Pittman</b>				
<i>Ongoing construction / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the construction of sluice gates and modifications will include higher floodwalls at the discharge point. Other improvements include enlarging the station from 2000 cfs capacity to 4000.</i>				
<b>WBV-38.2</b>	<b>Cousins Pump Station and Discharge Channel Floodwalls - Phase 2</b>	10/26/2010	10/23/2013	\$11,170,830.00
<b>Creek Services, LLC</b>				
<i>PS fronting protection, modifications, floodwall tie-ins to 100 year level of protection. / This contract involves the installation of fronting protection for the pumping station and modification of the existing facilities to bring them to the 100 year level of protection. Work shall consist of constructing reinforced concrete foundations for the existing I-Walls, and construction of a new sluice gate structure for the existing discharges of Pump Station No. 2. Removal and off-site disposal of concrete walls, riprap, concrete scour pavement, as well as clearing and grubbing, smooth grading, turf establishment, riprap placement is included.</i>				
<b>WBV-39b.1</b>	<b>Cousins Discharge Channel Floodwalls - Phase 1</b>	6/17/2007	8/29/2008	\$916,000.00
<b>Hired Labor</b>				
<i>Analyse and improve to authorized grade. / The approximate length of HPS floodwall improvements is 1500 L.F.</i>				
<b>WBV-44</b>	<b>Whitney Barataria Pump Station Floodwall Modifications</b>	8/17/2010	10/6/2011	\$7,348,850.00
<b>Cycle Construction Co., LLC</b>				
<i>Modification to existing pump station facilities that are located behind GIWW - West Closure Complex; no longer a 100-year perimeter project. / The work consists of constructing pile founded reinforced concrete T-walls and L-walls; pile founded dolphin structures, miscellaneous metal work and levee construction. The modification of floodwalls and tie-ins at the pump station are located behind the GIWW - West Closure Complex so this is no longer a 100-year perimeter project.</i>				
<b>WBV-46.1</b>	<b>Sector gate Complex - Phase 1</b>	12/16/2003	7/14/2008	\$35,686,893.00
<b>Boh Bros.</b>				
<i>Ongoing construction. Build to elevation 11.5. Includes Cousins Discharge Channel. / This ongoing contract is for the construction of a sector gate in the Harvey Canal and 500 feet of connecting concrete floodwalls for hurricane storm surge protection. The 125 foot wide metal sector gate will be located just down stream of the Lapalco Overpass.</i>				

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## WBV-West Bank and Vicinity

<b>WBV-46.1a</b>	<b>Harvey Canal Floodgate (Sector Gate)- Permanent Pumps</b>	11/13/2014	4/12/2016	
<b>WBV-46.1a1</b>	<b>Harvey Canal Floodgate (Sector Gate) - Repair of Temporary Pumps</b>	4/23/2012	1/27/2016	
<b>WBV-46.2</b>	<b>Cousins Canal Walls - Destrehan Bridge to Sector Gate</b>	5/18/2010	9/30/2011	\$3,495,622.00

### Aquaterra-CAYO

Build to 100 yr level of protection. / This contract involves raising the sector gate structure in the Harvey Canal and its 500 feet of connecting concrete floodwalls to the 100 year level of protection. The sector gate will be located just downstream of the Lapalco Overpass. Work shall consist of constructing reinforced concrete floodwalls; installation of sheetpiling, steel H-piles; geotextile, surfacing, chain link fence and gates, painting, turf establishment, demolition, pile load tests, clearing and grubbing; structural excavation and backfill, and other work incidental thereto.

<b>WBV-47.1</b>	<b>Algiers Lock to Belle Chasse Hwy (West) - Phase 1</b>	11/18/2010	8/16/2011	\$5,838,990.00
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### Allen Wright Enterprises / Hamps Construction

Raise levees to detention basin elevation and addition of a stability berm. / Raise levees to authorized level of protection along a reach of approximately 3.7 miles along the western side of the Algiers Canal.

<b>WBV-47.2a</b>	<b>West Algiers Canal Levee Height Restoration Project</b>	2/6/2015	10/28/2015	
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Levee Lift to restore the levee elevation at WBV-47.1 to the HSDRRS Design Requirement along the western portion of the Algiers Canal. / Raise levee areas on the western portion of the Algiers Canal that extends from the Belle Chasse tunnel to the Algiers Lock to address the elevation deficiency due to settlement. Crown elevations that are expected to be below the design EL +8.5 ft. by Oct 2016 will be restored to EL +9.2 ft. This action will ensure all crown elevations are above the design EL +8.5 ft at Notice of Construction Complete in late 2015.

Levee feet impacted 12,200 ft  
Estimated embankment volume 10,000 CY's

<b>WBV-48.1</b>	<b>Belle Chasse Hwy to Algiers Lock (East) - Phase 1</b>	8/8/2005	2/1/2007	\$4,988,888.00
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### Circle Inc.

Ongoing construction to authorized level of protection. / Construction of levee raise to the authorized level of construction.

<b>WBV-48.2</b>	<b>Belle Chasse Hwy to Algiers Lock (East) - Phase 2</b>	11/19/2010	4/4/2011	\$1,583,220.00
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### Allen Wright Enterprises / Hamps Construction

Construct a stability berm along the protected side. / This contract involves additional geotechnical work to be completed to confirm stability of the levee for meeting the criteria of the detention basin. The improvements will run from the Belle Chasses Highway northward to the Algiers Lock in Plaquemines Parish.

<b>WBV-49.1</b>	<b>Hero Levee to Belle Chasse Hwy (East) - Phase 1</b>	10/22/2010	6/3/2011	\$1,306,120.00
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### Allen Wright Enterprises / Hamps Construction

Raise levees to the detention basin elevation and addition of a stability berm. / Raise levees to authorized level of protection along a reach of approximately 5.3 miles along the eastern side of the Algiers Canal.

<b>WBV-49.2a</b>	<b>East Algiers Canal Levee Project</b>	9/12/2014	4/22/2015	\$3,348,575.00
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### Conquistador Dorado JV

Levee Lift to raise levees on Eastern portion of the Algiers Canal on WBV-48.2 and WBV-49.1 / This contract will address elevation design deficiency on the eastern portion of the Algiers Canal levees on WBV-48.2 and WBV-49.1. This work addresses levee height deficiencies that are below the required design grade of EL+8.5 or may become height deficient in 3 to 5 years from Jan 2014. All levee sections below EL+8.8 ft are to be returned to EL+8.8 ft. before a Notice of Construction Complete (NCC) is issued. Work will extend approximately 8.8 miles.

<b>WBV-52</b>	<b>Priority Interim - Contract 1</b>	9/19/2006	9/27/2007	\$171,400.00
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### Hired Labor

Earthen embankment work and hardening @ Whitney Barataria PS / The approximate length of HPS floodwall improvement was 1200 L.F.

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## WBV-West Bank and Vicinity

<b>WBV-53</b>	<b>Priority Interim - Contract 2</b>	9/19/2006	9/27/2007	\$625,000.00
<b>Hired Labor</b>				
<i>Company Canal Floodwall / Earthen embankment work and hardening tie-ins at Company Canal Floodwall. The approximate length of HPS floodwall improvement was 1800 L.F.</i>				
<b>WBV-54</b>	<b>Priority Interim - Contract 3</b>	9/19/2006	9/27/2007	\$395,300.00
<b>Hired Labor</b>				
<i>Earthen embankment work and hardening at New Estelle PS and Old Estelle PS / Earthen embankment work and hardening tie-ins at New &amp; Old Estelle Pump Stations. The approximate length of HPS floodwall improvement was 1450 L.F.</i>				
<b>WBV-55</b>	<b>Priority Interim - Contract 4</b>	9/19/2006	9/27/2007	\$995,700.00
<b>Hired Labor</b>				
<i>Westwego Floodwall and Vinyl Floodwall at Airport Canal Closure / Earthen embankment work and hardening tie-ins at Westwego Floodwall and Vinyl Floodwall at Airport. The approximate length of HPS floodwall improvement was 3100 L.F.</i>				
<b>WBV-56</b>	<b>Priority Interim - Contract 5</b>	9/19/2006	9/27/2007	\$414,000.00
<b>Hired Labor</b>				
<i>Tie-ins at V-line @ Hwy 45, Hwy 45 @ util crossings(2 locations), New Westwego PS / Earthen embankment work and hardening tie-ins at V-line @ Hwy. 45, New Westwego Pump Station. The approximate length of HPS floodwall improvement was 400 L.F.</i>				
<b>WBV-58</b>	<b>'07 Priority Interim - Contract 1: V-line floodwall</b>	4/5/2007	2/4/2008	\$1,336,287.50
<b>Allen Wright Enterprises / Hamps Construction</b>				
<i>Add stability berm, culvert and hardening / The approximate length of HPS floodwall improvement is 7000 L.F.</i>				
<b>WBV-59</b>	<b>'07 Priority Interim - Contract 2: Estelle PS to Lapalco</b>	7/13/2007	11/29/2007	\$2,076,576.00
<b>Shavers-Whittle Construction</b>				
<i>Stabilize and harden I-walls, stabilize adjacent levee section / The approximate length of HPS floodwall improvement is 8000 L.F.</i>				
<b>WBV-60</b>	<b>'07 Priority Interim - Contract 3: Weswego Floodwall</b>	12/7/2007	12/12/2008	\$7,686,948.04
<b>Southern Services &amp; Equipment, Inc.</b>				
<i>Stabilize existing I-wall w/culvert and berm / The approximate length of HPS floodwall improvement is 2700 L.F.</i>				
<b>WBV-61</b>	<b>'07 Priority Interim - Contract 4: Segnette Park Floodwall</b>	11/20/2007	11/17/2008	\$7,165,266.60
<b>Creek Services, LLC</b>				
<i>Stabilize and harden I-wall / The repair is to stabilize and harden the existing I-wall. The approximate length of HPS floodwall improvement is 7800 L.F.</i>				
<b>WBV-62</b>	<b>'07 Priority Interim - Contract 5: Old and New Estelle PS and PS #13</b>	4/27/2007	2/15/2008	\$2,685,859.50
<b>Allen Wright Enterprises / Hamps Construction</b>				
<i>Stabilize I-wall and T-walls at all 3 Pump Stations / Each pump station includes tie-in I-walls and fronting protection. The repair is to stabilize the walls with stability berms and soil mixing. Where the FOS is very low and right-of-way insufficient, new sheet piling walls will be constructed at New and Old Estelle Pump Stations. The approximate length of HPS floodwall improvement is 3000 L.F.</i>				
<b>WBV-63a</b>	<b>'07 Priority Interim - Contract 6: Misc West Bank Pump Stations and Utility Crossings</b>	4/26/2007	11/29/2007	\$993,305.00
<b>Progressive Construction</b>				
<i>Ames, Mt. Kennedy and Utilities / The repair is to stabilize I-walls and harden. The approximate length of HPS floodwall improvement is 1650 L.F.</i>				
<b>WBV-63b</b>	<b>'07 Priority Interim - Contract 7: Misc West Bank Pump Stations and Utility Crossings</b>	6/21/2007	10/4/2007	\$665,487.00
<b>Bucktown Contractors and Company</b>				
<i>Old and New Westwego PSs / The repair is to stabilize the walls with stability berms and soil mixing. Where the FOS is very low and right-of-way insufficient, new sheet piling walls will be constructed. These walls will include A-Frame bents. The approximate length of HPS floodwall improvement is 1300 L.F.</i>				

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## WBV-West Bank and Vicinity

**WBV-63b.1**      **'07 Priority Interim - Contract 7b: Misc West Bank Pump Stations and Utility Crossings**      7/3/2007      11/18/2008      \$3,499,829.00

**Allen Wright Enterprises / Hamps Construction**

*Westminster Pump Station improvements / The repair is to stabilize the walls with stability berms and soil mixing. Where the FOS is very low and right-of-way insufficient, new sheet piling walls will be constructed. These walls will include A-Frame bents. The approximate length of HPS floodwall improvement is 2500 L.F.*

**WBV-63c**      **'07 Priority Interim - Contract 8: Misc West Bank Pump Stations and Utility Crossings**      5/23/2007      12/17/2007      \$2,462,817.00

**Southern Services & Equipment, Inc.**

*Belle Chasse #1, #2, Planters PS, S&WB #11 / The repair is to stabilize I-walls and harden crossings. The approximate length of HPS floodwall improvement is 3300 L.F.*

**WBV-70**      **Western Tie-In Levees (Dewatering Cells)**      9/25/2009      7/8/2010      \$10,904,860.00

**Phylway Construction**

*Construct cells to dewater the area for construction. / This contract includes the construction of 2.5 miles of sand levees. These sand levees formed sand cells that were dewatered in preparation for clay levee construction in WBV-72.*

**WBV-71**      **Western Tie-In Levees (North-South)**      9/25/2009      8/15/2012      \$5,331,002.53

**DQSI**

*Raise levees to 100-year level of protection. Formerly known as Western Tie-In Levees. / This contract raised about 1.3 miles of the Davis Pond guide levee to the 100-year elevation. This levee ties into WBV-73 on the south side and WBV-75 and 77 on the northern side.*

**WBV-72**      **Western Tie-In Levees (East-West)**      3/22/2010      10/26/2012      \$30,224,400.80

**WRS Infrastructure & Environment, Inc.**

*Construct levees to 100-year level of protection. Formerly known as Western Tie-In Levees. / This contract constructed approximately 2.8 miles of clay levees to the 100-year level of protection. This levee runs parallel to US-90 and ties into WBV-73 on the west and WBV-17b.2 on the east.*

**WBV-72a**      **Western Tie-In Drainage Structure**      12/7/2012      11/17/2013

*Western Tie-In Drainage Structure (This is a Modification to WBV-72) / Construct a drainage structure in the Outer Cataouatche Canal and the existing WBV-72 levee.*

**WBV-73**      **Western Tie-In Highway Crossing**      7/6/2010      10/22/2013      \$38,478,691.75

**James Construction Group**

*Construct floodwall/structures to 100-yr level across Hwy90. Formerly "Western Tie-In Structures." / This contract constructed a highway bridge over a floodwall at the intersection of WBV-72 and US-90. This contract includes the highway bridge at US-90, floodwalls across US-90, and detour roads.*

**WBV-73a**      **Ditch B Relocation and Drainage Cut Repair**      8/19/2014      3/9/2015      \$822,385.00

**RDC Circle, LLC**

**WBV-74**      **Western Tie-In Closure Structure**      4/30/2010      6/18/2012      \$28,945,972.00

**Tetra Tech EC Inc**

*Construct closure structure for 100-yr level of protection. Formerly "Western Tie-In Structures." / This contract constructed a sector gate in Bayou Verret. This sector gate was built to the 100-year level of protection and connects WBV-72 on the east and west side of the canal. This project included the construction of the sector gate, floodwalls, small levee sections, and a by-pass channel.*

**WBV-74a**      **Emergency Shelter with Control House**      1/10/2014      10/23/2014      \$1,169,764.00

**Aquaterra-CAYO**

**WBV-75**      **Western Tie-In BNSF Railroad Crossing**      6/24/2011      4/10/2012      \$4,416,887.55

**Boh Bros.**

*Construct floodwall/structures for 100-yr level across RR crossing. Formerly "Western Tie-In Structures." / This contract will construct a rail road floodgate at the BNSF rail road crossing. This floodgate is located approximately 0.3 miles north of US-90 and connects WBV-71 on the north and south side.*

# HSDRRS Contract Listing

U.S. Army Corps of Engineers - New Orleans District

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Contract No	Contract Name	Green=Actual Date		
		Award Contract Date	Estimated Substantial Complete	Original Award Amount
<i>Prime Contractor</i>				

## WBV-West Bank and Vicinity

<b>WBV-76</b>	<b>Western Tie-In Hwy 90 Pump Station</b>	1/10/2011	4/1/2013	\$6,994,305.66
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### Healtheon

Relocating the PS at HWY 90. / This contract will construction a 150 cfs pump station at the intersection of the outer Cataouache Canal and US-90. The contract also includes small section of levee to be raising to the 100-year elevation.

<b>WBV-77</b>	<b>Western Tie-In UP Railroad and LA-18 Crossing</b>	7/18/2011	11/1/2012	\$8,373,000.00
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### Cajun Constructors

Western Tie-In UP Railroad and LA-18 Crossing / This contract constructs a railroad gate at the Union Pacific railroad crossing. This contract also includes a earthen ramp at LA-18 that will be raised to the 100-year elevation.

<b>WBV-80</b>	<b>Algiers Canal Clearing and Grubbing</b>	5/29/2012	10/16/2014	
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### Hired Labor

Clearing and Grubbing along flood-side and protected-side of Algiers Canal. (Hired Labor) / The clearing and grubbing work will include the removal of brush and trees within the 15 feet from the flood side and protected side toe. This will cover the area the entire length of the Algiers Canal, from the Algiers Lock down to the Hero Cutoff (on the west side) and all the way to the West Closure Complex intake basin (on the east side). The first phase will clear the flood side area between the toe and the water's edge. A rock dike, at approx Elev +4, exists in many areas along the water's edge. Many areas between the rock dike and the flood side toe are lower than the rock dike (approximately Elev +1) and are subjected to water from changing tides. This area is often too wet for mowers to maintain. The addition of embankment in these areas will allow the flood side to be maintainable. The added embankment is estimated to be raise areas on the flood side to approx Elev +3.5 to +4.5. Some areas will require the installation of a rock dike or repair to the existing rock dike. The clearing and grubbing of areas along the protected side will require the simple removal of trees and brush in some reaches. MVN leadership will determine whether acquisition of real estate will be required in order to have 15-feet of VFZ between the protected side toe and ROW boundary. This would require additional clearing and grubbing and removal of other encroachments.

<b>WBV-81</b>	<b>Chevron 30-inch pipeline relocation along Algiers Canal</b>	3/13/2013	8/21/2014	\$2,895,995.77
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### Healtheon

Construction of a sleeve-through T-wall for relocation of Chevron 30-inch pipeline / The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, driving sheet pile and concrete/steel piles, concrete T-wall construction, cofferdam/TRS construction, and other associated heavy construction tasks.

<b>WBV-82</b>	<b>Gulf South 12-inch pipeline relocation along Algiers Canal</b>	12/18/2012	1/18/2014	\$2,760,754.50
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### Cycle Construction Co., LLC

Relocation of Gulf South 12-inch pipeline along Algiers Canal / If a T-wall alternative is selected: The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, driving sheet pile and concrete/steel piles, concrete T-wall construction, cofferdam/TRS construction, and other associated heavy construction tasks. The work will also include excavation and removal of a portion of the pipeline in the levee section as well as the replacement of the levee section to pre-construction conditions.

<b>WBV-83</b>	<b>S&amp;WB pipeline relocations along Algiers Canal</b>	2/5/2013	10/25/2013	\$3,017,286.50
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### Fleming Construction Company, LLC.

Relocation of S&WB 42-inch Sewer Force Main and 12-inch Water Line. / The 42-inch sewer force main is expected to utilize a concept which will be an exception to HSDRRS design guidelines due the difficulty in moving this line. MVN-ED-T and MVN-ED-F have discussed the concept and the Chief of ED concurs that an exception to policy can be pursued. The concept would include sheet pile jacked under the in-place line, and a sheet pile with sleeve would be constructed around the line. The line would be supported by a pile-supported bent.

The 12-inch water line would be relocated using the direct contact method – an up and over design that would keep the line out of the levee section.

The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, driving sheet pile and concrete/steel piles to include jacking sheet piles under and pipeline in place, concrete T-wall construction, cofferdam/TRS construction, and other associated heavy construction tasks.

<b>WBV-84</b>	<b>AT&amp;T submarine lines relocation along Algiers Canal</b>	11/4/2012	9/5/2013	
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### Hired Labor

Relocation of two 5-inch submarine cables. / The two AT&T submarine cables will be removed from the levee section and the levee section replaced along with any additional stability berm required.

The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, and other associated heavy construction tasks.



# HSDRRS Contract Listing

U.S. Army Corps of Engineers - New Orleans District

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Contract No <i>Prime Contractor</i>	Contract Name	Green=Actual Date		Original Award Amount
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## WBV-West Bank and Vicinity

<b>WBV-85</b>	<b>WBV Misc. Repairs for various Westwego to Harvey Projects</b>	3/28/2014	9/19/2014	\$565,030.00
A SDVOB, LLC				
<b>WBV-86</b>	<b>West Harvey Levee Construction</b>	9/23/2014	7/28/2015	\$2,476,774.00
Pontchartrain Partners, LLC				
<b>WBV-87</b>	<b>SAP Contract For Various WBV Contracts</b>	5/5/2014	6/26/2014	\$52,211.18
K-BELLE CONSULTANTS, L.L.C.				
<b>WBV-88</b>	<b>Lake Cataouatche PS 1 Discharge Pipe Modifications</b>	1/19/2015	4/16/2015	
<b>WBV-89</b>	<b>Turf Repair for WBV-03b</b>	6/9/2014	10/11/2014	\$94,595.00
<b>WBV-90</b>	<b>GIWW - West Closure Complex</b>	4/17/2009	12/7/2012	\$6,973,040.00
<b>Gulf Intracoastal Constructors</b>				
<i>Construction of a 225-ft sector gate, 75-ft sluice gate; &amp; 19,140 cfs pump station; t-wall on the edge of the 404c area; levee; &amp; excavation/dredging for a gated closure south of the confluence of Harvey &amp; Algiers canals. / This contract includes a 225-ft sector gate, 75-ft sluice gate; &amp; 19,140 cfs pump station; t-wall along the edge of the 404c area with a water-control structure across the end of the Estelle outfall canal; &amp; excavation of the GIWW channel; levee tie-in; relocation of East Bayou Road; dredging of Algiers Canal for creating a gated closure south of the confluence of Harvey &amp; Algiers canals. Includes approx 1 mile of T-wall and approx 1.5 miles of tie-in levee.</i>				
<b>WBV-ARM-01</b>	<b>WBV System Armoring (Eastern Tie-In) - 90</b>	3/9/2015	4/28/2017	
<b>WBV-ARM-02</b>	<b>WBV System Armoring ( Westwego to Harvey -02 ) - 14f.2</b>	1/12/2015	2/28/2017	
<b>WBV-ARM-03</b>	<b>WBV System Armoring ( WBV-MRL-1.2b, 3.2, 5.2 )</b>	7/27/2015	4/30/2018	
<b>WBV-ARM-04</b>	<b>WBV System Armoring ( Lake Catahouche )</b>	8/24/2015	5/31/2018	
<b>WBV-ARM-05</b>	<b>WBV System Armoring (Eastern Tie-In) - WBV-09a,12</b>	10/19/2015	8/31/2018	
<b>WBV-ARM-06</b>	<b>WBV System Armoring (Westwego to Harvey -02 ) - 14e.2</b>	12/21/2015	10/31/2018	
<b>WBV-ARM-07</b>	<b>WBV System Armoring (Wego to Harvey 01) - 14b.2 &amp; 14c.2</b>	2/15/2016	1/31/2019	
<b>WBV-ARM-08</b>	<b>WBV System Armoring (Western Tie-In) - 71 &amp; 72</b>	3/14/2016	1/31/2019	
<b>WBV-ARM-09</b>	<b>WBV System Armoring (MRL) - 6.1, 7.1</b>	4/11/2016	2/28/2019	

# HSDRRS Contract Listing

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## WBV-West Bank and Vicinity

<b>WBV-EVM-02</b>	<b>Bayou Segnette - Environmental Mitigation</b>	9/22/2014	12/20/2016	\$3,425,243.40
<b>Hernandez Consulting, LLC</b>				
<i>Environmental Mitigation of impacts from Previously Authorized West Bank &amp; Vicinity Hurricane Protection Projects in Barataria Basin, for in-kind Bottomland Hardwood Habitat. This project does not address impacts due to construction of WBV HSDRRS. / The HSDRRS mitigation project team is evaluating potential large scale mitigation plans west of the Mississippi River, in cooperation with environmental resource agencies and non-federal sponsors. Currently, the plan is to compensate for four habitat categories impacted during development of the risk reduction system: wet and dry bottomland hardwood forests, swamps and marshlands. The impacted areas for WBV (Pre-K) Projects are approximately 1,046 acres. The budget is \$79M. The Corps' ongoing mitigation efforts include periodic Individual Environmental Report (IER) update meetings. There have been seven meetings thus far, five in May 2010 and two in December 2010. The New Orleans District, in collaboration with its state and federal partners and stakeholders, is currently exploring potential mitigation sites that fulfill the legal requirements for HSDRRS mitigation. For WBV, initial screening of measures is complete (Aug 2010). Future milestones include: Data Collection (Jun 2011), Assemble Alternative Plans (Sep 2011), Identify Proposed Plan (Oct 2011), Draft IERs (May 2012), Final Design (Aug 2012), Mitigation Land Acquisition (Sep 2012 thru Sep 2013), and Issue Construction Contracts (Sep 2013).</i>				
<b>WBV-EVM-03</b>	<b>St. Charles - Environmental Mitigation</b>	1/18/2016	1/31/2017	
<b>WBV-EVM-04</b>	<b>General Impacts BLH-Wet and BLH-Dry Mitigation Bank</b>	1/30/2015		
<b>WBV-EVM-05</b>	<b>General Impacts Flood Side Fresh Marsh Jean Lafitte</b>	12/20/2016		
<b>WBV-EVM-06</b>	<b>Park/404(c) Impacts Fresh Marsh Jean Lafitte</b>	12/20/2016		
<b>WBV-EVM-07</b>	<b>Park/404(c) Impacts BLH-Wet Jean Lafitte</b>	6/22/2016		
<b>WBV-EVM-08</b>	<b>Park/404(c) Impacts Swamp-Wet Jean Lafitte</b>	12/20/2016		
<b>WBV-EVM-09</b>	<b>General Impacts Flood Side BLH-Wet Lake Boeuf</b>	3/18/2016		
<b>WBV-EVM-10</b>	<b>General Impacts Flood Side Swamp Lake Boeuf</b>	3/18/2016		
<b>WBV-MRL-01.1</b>	<b>Oak Point to Oakville</b>	4/2/2011	10/23/2011	\$15,547,392.00
<b>Cycle Construction Co., LLC</b>				
<i>Engineered Alternative Measure - raise levee to 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 5 feet. This contract reach includes the Chevron Oronite Plant and the community of Oakville. It is 15,700 LF, beginning at station 443+00 and extending down river to station 600+00</i>				
<b>WBV-MRL-01.2A</b>	<b>Augusta to Oakville (A)</b>	12/5/2013	1/22/2016	\$34,536,510.00
<b>Fed-Con Joint Venture</b>				
<i>Resilient features to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes the community of Oakville. The scope includes the construction of approximately 5300 LF of floodwall.</i>				
<b>WBV-MRL-01.2B</b>	<b>Augusta to Oakville (B)</b>	3/14/2014	10/1/2015	\$7,954,440.00
<b>Tikigaq Construction, LLC</b>				
<i>Resilient Features to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. The scope includes the construction of approximately 4500 L.F. of earthen levee.</i>				
<b>WBV-MRL-02.2</b>	<b>Oak Point to Augusta</b>	10/18/2013	3/20/2016	\$48,372,000.00
<b>Fed-Con Joint Venture</b>				
<i>Resilient Features to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes the Chevron Oronite Plant. The scope includes the construction of approximately 7100 L.F. of floodwall.</i>				

# HSDRRS Contract Listing

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<i>Prime Contractor</i>				

## WBV-West Bank and Vicinity

<b>WBV-MRL-03.1</b>	<b>Belle Chasse to Oak Point</b>	4/2/2011	11/10/2011	\$10,224,100.00
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**Merrick Construction Co.**

*Engineered Alternative Measure - raise levee to 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 3 to 4 feet. It is 13,500 LF, beginning at station 310+00 and extending down river to station 445+00*

<b>WBV-MRL-03.2</b>	<b>Belle Chasse to Oak Point</b>	11/21/2013	4/12/2016	\$26,154,430.00
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**Clark Construction Enterprises, LLC**

*Resilient Features to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. The scope includes the construction of approximately 11,300 L.F. of earthen levee and approximately 800 L.F. of floodwall.*

<b>WBV-MRL-04.1</b>	<b>English Turn Bend to Belle Chasse</b>	4/2/2011	1/18/2012	\$6,244,000.00
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**Shavers-Whittle Construction**

*Interim Engineered Advanced Measure - Clay - Bring to design elevation. Provide 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 2 feet. This reach includes the Belle Chasse Ferry landing. It is 14,100, beginning at station 173+00 and extending down river to station 314+00*

<b>WBV-MRL-04.2</b>	<b>English Turn to Belle Chasse, Resilient Features</b>	11/18/2013	4/8/2016	\$44,828,475.00
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**Conti Enterprises, Inc.**

*Permanent measures to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes Belle Chasse Ferry Landing. The scope includes the construction of approximately 7,100 L.F. of floodwall.*

<b>WBV-MRL-05.2</b>	<b>English Turn to Belle Chasse, Plaquemines Parish, LA</b>	12/18/2013	2/19/2016	\$13,087,038.00
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**American Southwest Electric**

*Resilient Features to provide authorized design sections. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes the Coast Guard facility. The scope includes the construction of approximately 11,000 L.F. of earthen levee.*

<b>WBV-MRL-06.1</b>	<b>Parish Line to English Turn Bend</b>	4/2/2011	10/26/2011	\$4,436,350.00
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**Allen Wright Enterprises / Hamps Construction**

*Interim Engineered Advanced Measure - Soil Ridge - Bring to design elevation. Provide 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 1.5 feet. This contract reach includes the Coast Guard facility. It is 17,400 LF, beginning at the Plaquemines/Orleans Parish line station 0+00 and extends down river to station 174+00.*

<b>WBV-MRL-07.1</b>	<b>West Crossover Pt. to Parish Line</b>	2/17/2011	3/5/2012	\$2,408,649.27
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**Southern Services & Equipment, Inc.**

*Engineered Alternative Measure - raise levee to 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 1 feet. It is 19,315 LF, beginning at station 552+10 and extending down river to station 745+25 at the Orleans/Plaquemines Parish line.*

<b>WBV-WM-01</b>	<b>Water Monitoring</b>	10/21/2015	11/5/2016	
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